

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION
SPONSORED PROJECT INITIATION

Date: 2/23/80

Project Title: A Program of Technical Assistance for the Cobb County Chamber of Commerce

Project No: A-2577

Project Director: R.B. Cassell

Sponsor: Cobb County Chamber of Commerce

Agreement Period: From 2/15/80 Until 2/14/80

Type Agreement: Standard Industrial Agreement dated 2/7/80

Amount: \$6,000

Reports Required: Final Report

Sponsor Contact Person (s):

Technical Matters

Contractual Matters
(thru OCA)

Mr. Roger K. Sund
Manager, Economic Development
Cobb County Chamber of Commerce
820 Cobb Parkway, N.E.
Marietta, GA 30062

Defense Priority Rating: n/a

Assigned to: ED/ARD (School/Laboratory)

COPIES TO:

Project Director
Division Chief (EES)
School/Laboratory Director
Dean/Director—EES
Accounting Office
Procurement Office
Security Coordinator (OCA)
Reports Coordinator (OCA)

Library, Technical Reports Section
EES Information Office
EES Reports & Procedures
Project File (OCA)
Project Code (GTRI)
Other _____

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION
SPONSORED PROJECT TERMINATION

Date: 5/20/81

Project Title: A Program of Technical Assistance for the Cobb
County Chamber of Commerce

Project No: A-2577

Project Director: R. B. Cassell

Sponsor: Cobb County Chamber of Commerce

Effective Termination Date: 2/14/81

Clearance of Accounting Charges: 2/14/81

Grant/Contract Closeout Actions Remaining:

TERMINATED

- ☒ Final Invoice ~~and Closing Documents~~
- ☐ Final Fiscal Report
- ☐ Final Report of Inventions
- ☐ Govt. Property Inventory & Related Certificate
- ☐ Classified Material Certificate
- ☐ Other _____

Assigned to: EDL/ARD (School/Laboratory)

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Other _____

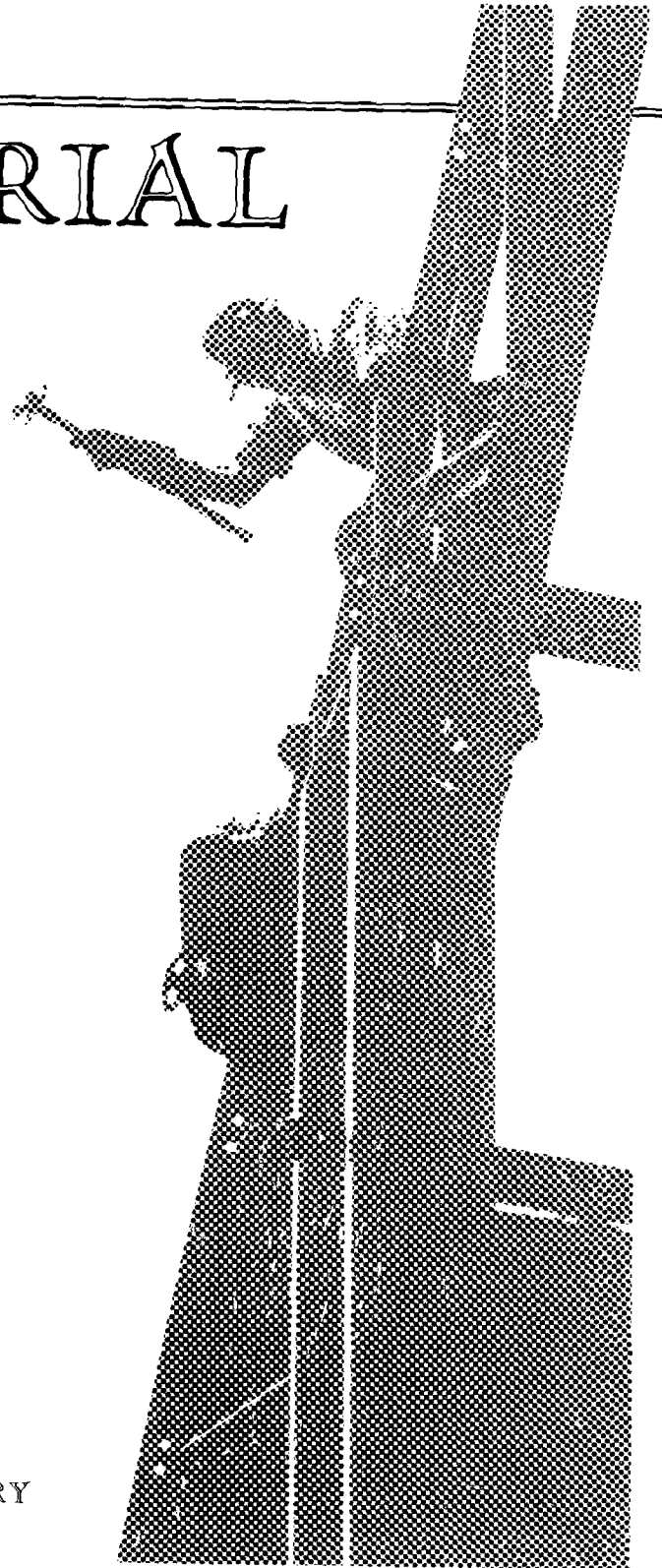
COBB COUNTY,
GEORGIA

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ECONOMIC DEVELOPMENT LABORATORY
GEORGIA INSTITUTE OF TECHNOLOGY
ENGINEERING EXPERIMENT STATION



I N D U S T R I A L D A T A D I G E S T

O F

C O B B C O U N T Y , G E O R G I A

Prepared by

Economic Development Laboratory
Engineering Experiment Station
GEORGIA INSTITUTE OF TECHNOLOGY
November 1980

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INTRODUCTION

LOCATION

Cobb County is located in northwest Georgia, constituting the northwestern quadrant of the Atlanta metropolitan area. Its 343 square miles are within 30 minutes of downtown Atlanta, and less than an hour distant from Hartsfield International Airport. The Chattahoochee River forms the county's southeastern boundary with Fulton County. Kennesaw Mountain, a prominent outcrop of the southern tip of the Appalachian range, is in the central section of the county.

Interstate Highway 75 bisects the county from southeast to northwest; it intersects Interstate Highway 285 which cuts through the southeastern portion of the county. Interstate Highway 20 skirts the southern tip of Cobb County. Mainlines of the Southern and The Family Lines railroads traverse the county.

Municipalities include Marietta the county seat, incorporated in 1834; Acworth, Austell, Kennesaw, Powder Springs, and Smyrna. Scattered throughout the county, these all were founded during the Nineteenth Century when they served as trading centers for a rural county.

HISTORY

Cobb County was still part of the Cherokee Indian Territory when Marietta's earliest settlers arrived. They began to homestead in the early 1830's from other parts of Georgia as winners of the land lottery used to allocate the Indian lands. The Cherokee land was divided into 40-acre gold and 160-acre farm tracts with most of the Cobb County originally settled by gold seekers.

By 1833, nearly one hundred people had settled in the area of Marietta, chosen as a town site because it "seemed" to be a particularly healthy place and was accessible to springs located near the present town square. The county was named in honor of Judge Thomas Welch Cobb, Georgia Congressman, U.S. Senator, and later judge of the Oculugee circuit of the Superior Court. The City of Marietta was named for his wife.

CLIMATE

The location of Cobb County, some 250 miles north of the Gulf of Mexico and northwest of the Atlantic Ocean at the foothills of the southern Appalachians, exerts an important influence on the local climate. Summers and winters are typically moderate, allowing for year-round outdoor activities.

Mountains to the north tend to retard the southward movement of Polar air masses, making Cobb County's winters mild. Summer temperatures are moderated by elevation (913 to 1,800 feet above sea level), which makes prolonged periods of hot weather rare. Summer afternoon temperatures equal or exceed 90° less than one day in five, while 100° heat is rarely experienced.

The Bermuda High pressure area has a dominant effect on Cobb County's climate, particularly in the summer months. Winds average about nine miles per hour during the year with small fluctuations in barometric pressure, and occasionally humid conditions in the summer.

Monthly rainfall ranges from a mean of 2.5 inches in October to nearly 6 inches in March, with an annual precipitation of about 48 inches. Dry periods occur mainly during the late summer and early autumn with a maximum of thundershower activity during July. Severe local thunderstorms occur most frequently in March, April and May. The average annual snow fall is about 1.5 inches, with freezing rain or glaze about every two years and severe ice storms about once every ten years.

The generally light wind conditions contribute to the formation of occasional early morning fog. However, the number of clear to partly cloudy days far exceed the number of cloudy days, making the area a sunny place to live.

CLIMATE

	<u>Annual</u>	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
<u>Avg. Temperature</u> (°F)	61.4	43.3	45.6	52.6	61.3	69.5	76.3	78.5	77.7	73.1	62.8	51.9	44.6
<u>Avg. Precipitation</u> (inches)	48.61	4.78	4.68	5.63	4.01	3.60	3.78	4.75	3.96	3.12	2.59	3.19	4.52
<u>Avg. Snowfall</u> (inches)	1.5	0.7	0.4	0.2	T	0.0	0.0	0.0	0.0	0.0	0.0	T	0.2

SOURCE: National Oceanic and Atmospheric Administration,
Local Climatological Data, 1977, Atlanta, Georgia.

*Record mean values are means since 1879 for temperature and
precipitation, since 1935 for snowfall.

POPULATION AND INDUSTRIAL BASE

POPULATION

As of 1979, Cobb County had 290,200 residents, according to reliable estimates made by the Atlanta Regional Commission. This was an increase of some 93,400 over the 1970 figure. The estimate for 1980 indicates an increase of about 10,000 to the county's population.

Cobb County is one of the seven counties within the Atlanta Region, the planning area of the Atlanta Regional Commission. Population figures for these counties (Clayton, Cobb, DeKalb, Douglas, Fulton, Gwinnett, Rockdale) increased from 1,044,401 in 1960 to 1,434,676 in 1970; the 1979 estimate was 1,773,000.

Municipalities in Cobb County had a total population of 59,041 in 1970 or 30% of the county's total population. While their population increased to 69,327 in 1979, according to Atlanta Regional Commission estimates, the percentage figure decreased to 23.9%. Estimates for individual municipalities are:

<u>Municipality</u>	<u>Estimates --1979</u>	
Acworth	4,007	
Austell	3,366	
Kennesaw	4,635	
Marietta	32,594	
Powder Springs	3,003	
Smyrna	<u>21,730</u>	
Total	69,327	(23.9%)
Unincorporated Cobb County	220,873	(76.1%)
Total	290,200	

Source: U.S. Census of Population
Atlanta Regional Commission

POPULATION

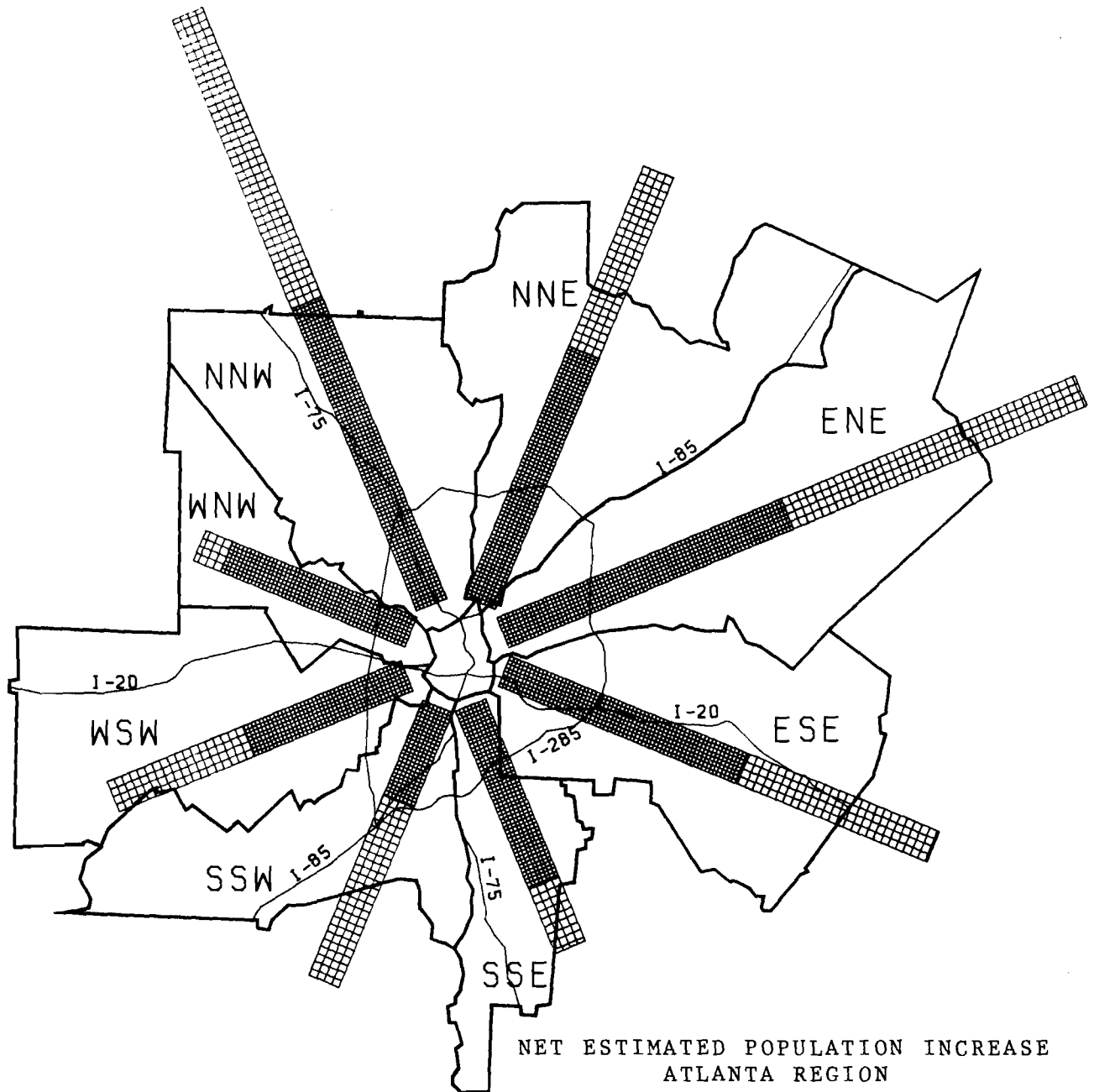
	<u>1960</u>	<u>1970</u>	<u>1980 Projection</u>	<u>Change 1970-1980</u>	
				Number*	Percent
Cobb County	114,174	196,793	274,100	77,000	39.3
<u>Labor Drawing Area</u>					
Bartow	28,267	32,911	44,500	12,000	35.2
Cherokee	23,001	31,059	45,100	14,000	45.2
DeKalb	265,789	415,387	500,200	85,000	20.4
Douglas	16,741	28,659	61,200	33,000	113.5
Fulton	556,326	605,210	583,400	-22,000	-3.6
Gwinnett	43,541	72,349	166,700	94,000	130.4
Paulding	13,101	17,520	25,000	7,000	42.7
TOTALS	1,051,950	1,399,888	1,700,200	300,000	21.3

Source: U.S. Census of Population; Georgia Office of Planning and Budget.

*Figures rounded to the nearest thousand.

April 1980

FIGURE 1: DIRECTIONS OF POPULATION GROWTH



	AREA	1960-1970	1970-1979
	ENE	75,694	78,592
	ESE	63,637	50,521
	SSE	47,524	17,029
	SSW	25,382	47,763
	WSW	42,213	35,739
	WNW	49,066	7,187
	NNW	80,813	77,100
	NNE	66,831	48,026

Source: U. S. Census and Atlanta Regional Commission, 1979 Population and Housing Estimates, 1979

EXISTING INDUSTRY

COBB COUNTY

Manufacturing Firms with 50 or More Employees

	<u>Employment</u>		
	<u>Total</u>	<u>Male</u>	<u>Female</u>
<u>Acworth</u>			
Coats & Clark, Inc. - cotton and synthetic core yarn	154	80	74
Hallmark Plastics, Inc. - formed counter tops	52	47	5
Qualco Castings Corp. - aluminum castings	68	66	2
Unique Knitting Co., Inc. - hosiery	120	40	80
<u>Austell</u>			
Arrow Company - shirt cutting	461	265	196
Austell Box Board Corp. - box board	300	262	38
Kingrey Block Co. - concrete block	58	55	3
National Envelope Co., South - envelopes	50	12	38
Star Paper Tube, Inc. - carpet cores	85	83	2
Sweetwater Paperboard Co. - linerboard	75	72	3
Withers Machine Works - custom built machinery	62	58	4
<u>Clarksdale</u>			
Coats & Clark, Inc. - unfinished sewing thread	472	233	239
<u>Kennesaw</u>			
Bahco Systems, Inc. - air pollution control equipment	52	46	6
Burrellco, Inc. - machine shop	50	30	20
Trans Art - picture frames and mats	180	N/A	N/A
Vulcan Materials - crushed granite	53	52	1
<u>Marietta</u>			
Aero Mist, Inc. - cleaning & industrial supplies	60	20	40
The Atlanta Coca Cola Bottling Co. - soft drinks	275	266	9
Blair Mfg. Co. - office furniture	150	100	50
Disposable Plastic Systems, Inc. - polyethylene extrusions	51	22	29

Manufacturing Firms with 50 or More Employees
(continued)

	<u>Employment</u>		
	<u>Total</u>	<u>Male</u>	<u>Female</u>
<u>Marietta</u> (continued)			
Kemos, Inc. - fusion bonded carpets	100	50	50
Lockheed-Georgia Company - aircraft	11,706	N/A	N/A
Marietta Daily Journal/Neighborhood Newspapers - printing	130	65	65
C. W. Matthews Contracting - asphalt paving	(400 - 700 seasonal)		
McLaurin Division - casual house slippers	204	35	169
Medical Disposables Co. - disposable hospital products	92	44	48
North Chemical Co. - textile & paper chemicals	60	55	5
The Original Counter & Booth Co. - restaurant and store fixtures	60	42	18
Porvene Roll-A-Door, Inc. - roll-up doors	54	44	10
Prior Coated Metals Co. - laminated steel, aluminum	50	44	6
Recordex Corp. - duplicating equipment	60	15	45
St. Regis Paper Co. - paperboard cartons	160	130	30
Sands & Company - food service items	110	(Plant under construction)	
Shamrock Knitting Mills - socks & headwear	165	60	105
Simkins Industries, Inc. - folding cartons	101	71	30
Sonoco Products Co. - fibre partitions	74	56	18
Southern Ice Cream Specialties, Inc. - frozen desserts	65	25	40
Southern Tea Company - tea packaging	290	(Plant under construction)	
W. P. Stephens Lumber Co. - lumber, millwork	135	123	12
Tip Top Poultry, Inc. - poultry processing	235	110	125
Torco, Inc. - general precision machinery	100	30	70
Trimline - door & window units	64	56	8
Vinings Chemical Co. - specialty chemicals	60	46	14
Jervis B. Webb - conveyors	100	90	10

Manufacturing Firms with 50 or More Employees

	<u>Smyrna</u>	<u>Employment</u>		
		<u>Total</u>	<u>Male</u>	<u>Female</u>
Cobb Metal Products Corp. - steel fabrication		73	70	3
Expanded Metal Corp. - expanded metal mesh		52	50	2
Knox, R. F. Co. - sheet metal fabrication		89	85	4
MacDougald Warren Co. - asphalt paving		180	171	9
Mayo Chemical Co. - chemicals		56	50	6
McCormick All Portions, Inc. - jams, jellies, catsup		55	15	40
Olympic Mfg. Co. - truck cleaning compounds and equipment		146	131	15
Pave-Mark Corp. - highway marking materials, industrial and glass beads		100	85	15
Tipco Sportswear, Inc. - ladies sportswear		64	60	4
Williams Bros. Concrete, Inc. - ready-mix concrete		355	325	30

EXISTING INDUSTRY

COBB COUNTY

Manufacturing Firms with Less than 50 Employees

Acworth

ACME Lumber Co. - dressed lumber, wood windows
Boyce Mfg. Co. - stuffed toys, flags
Rothschild Mills, Inc. - upholstery material
Specialty Mfg. & Sales Co. - textile machinery

Austell

Austell Cabinet Co. - furniture
Brown Cabinet Co. - cabinets, furniture, shelves
Custom Container Corp. - corrugated boxes
Inter-Pac Packaging Corp. - polystyrene packing, foam fabrication
Mayo Brothers Welding Co. - refuse containers, truck bodies
Pacific Cabinet Co. - cabinets
Reichhold Polymers, Inc. - latex adhesive compounds
Sweetwater News Enterprise, Inc. - job printing
Vaughn Beef - processed beef
William & Harvey Roland Co. - truck bodies
Wilson Finely Co. - crawler treads for industrial equipment

Kennesaw

Buccaneer Boat Co., Inc. - fiberglass boats
E. L. Duncan Cast Stone Statuary - statuary
Eastside Printing - printing
Enatech Corporation - industrial combustion & controls
Hamlin, Inc. - photographic printers & enlargers
Kirk-Rudy, Inc. - labeling equipment, paper handling equipment

Mableton

Bernath Barrel & Drum Co. - steel drums
Cobb Co. Tool & Engineering Inc. - machine shop
Fowler Cabinet Co., Inc. - cabinets
Keys Glass & Mirror Co. - laminated glass, mirrors
Mableton Marble & Granite Co. - granite and marble monuments
Whitfield Mfg. Co. - forestry and nursery equipment, fire plows
Withers Tool, Die & Mfg. Co. - custom built machinery, vegetable
oil cookers

Marietta

AFF, Inc. - fragrances, flavors, oils, and aromatic chemicals
ALN Chemical Packaging Co. - bottled muriatic acid
Accepted Products, Inc. - "The Brumby Rocker," chairs, swings
G. J. Aigner Co. - file guides, business forms
All Steel Rolled Products - bypass doors
Andrew Steel Rule Die Co. - steel rule dies

Manufacturing Firms with Less than 50 Employees
(continued)

Marietta (continued)

Old Ironsides Printing - printing
Olivet Manufacturing Co. - metal stampings
Personality Home Manufacturers, Inc. - panelized homes
Pioneer Aluminum, Inc. - extrusions, cast aluminum plate
Precision Machining & Molding, Inc. - plastic injection molding,
tool designers, jigs & fixtures
Printing, Inc. of Marietta - printing
Quality Portion Pack Machine Co. - food dispensing equipment
Rhoades Printing Co. - printing
Sandy Plains Machine & Tool Co. - machine parts
Shaw Industries - plastic pipe
Shaws Feed Mill - animal & poultry feed
Sheppard's Draperies - draperies
Shively Concrete Block Co. - concrete block, mortar mix
Southern Porcelain, Inc. - electric insulators, refractory
crucibles
Stenger Industries, Inc. - plastic metals raw compound
John Stephens Co. - instrument and control panels, plaques &
awards
Stephens Ornamental Iron - ornamental iron
Stoneart, Inc. - stone contracting
Sweco, Inc. - screening equipment
Tug Manufacturing Corp. - tow tractor, air freight
Wagner Tapeprint, Inc. - label printing
Will Fab, Inc. - steel fabrication
Winterseal, Inc. - storm doors & windows, window screens
YKK (USA), Inc. - zippers

Powder Springs

Ajay Chemicals, Inc. - calcium iodate, potassium, iodate, cuprous
iodate
Atlanta Structural Concrete Co. - prestressed concrete & precast
concrete products
B N Tool Co. - machine shop
C P Chemicals, Inc. - cuprous chloride chemicals, copper oxide,
liquid copper fungicide, copper algaecide
& micronutrie
Dunn, R D Aluminum Products - aluminum doors, windows, screens &
awnings
Shady Vent Aluminum Products - storm doors, replacement windows,
service station canopies
Southern Lead Burning Co. - lead products, lined tanks & chemical
equipment
Thompson Hayward Chemical Co. - industrial chemicals, water puri-
fication chemicals, pest control chemi-
cals, agricultural chemicals

Manufacturing Firms with Less than 50 Employees
(continued)

Smyrna

Apollo Industries, Inc. - custom aerosol packaging, chemical raw materials
Berry Industrial Equipment Co. - steel shelving bin boxes, industrial and hand trucks
Burda Patterns, Inc. - dress patterns
Crowe & Downey, Inc. - metal fabrication
Davis Tool & Engineering Co. - metal fabrication, tool & dies
Dewitt Chemicals - industrial and maintenance equipment
Fielders Machine Shop - machine shop
Focal Point, Inc. - ceiling cornice molding, ceiling medallions, architectural specialty items
Georgia Light Weight Aggregate - lightweight mix
Georgia Marble Co. - marble fabrication
H & S Woodcraft, Inc. - wooden store fixtures
Habersham Industries - cellulose insulation
Howard Lumber & Kiln Co., Inc. - hardwood and softwood lumber
Kendrick Tool & Engineering Co., Inc. - machine shop
Livenson Graphic Arts Co. - printing
Lowery Custom Line Furniture - furniture
McArthur Concrete Products, Inc. - septic tanks, concrete pipe and fittings
Metro Press, Inc. - litho job printing, specialty envelopes
Minka Mfg., Inc. - votive candles, cartridge candles
North Georgia Engraving Co. - plaque boards, trophy parts, photo engraving
Nowlin Cabinet Co. - cabinets
Plastics Dev. Corp. - plastics, mold making
Quality Engineering Co. - aircraft tooling machine shop, pollution control, rapid transit and nuclear power equipment
Rite-Way Metal Products Co. - ventilating equipment
Smyrna Container Co., Inc. - paperboard boxes, die cut paper products
Solar Chemicals, Inc. - janitorial and industrial chemicals
Three Penny Press, Inc. - job printing
Universal Go-Tract of Georgia, Ltd. - off-highway tracked vehicles
Window Hardware & Service Co. - specialty hardware
Zep Manufacturing Co. - specialty chemicals, cleaning supplies

NEW AND EXPANDED INDUSTRIES AND BUSINESSES
IN LAST THREE YEARS

(Only Those Representing Substantial Dollar Investment)

Manufacturing

American Admixtures
Ashland Warren, Inc.
Associated Equipment Company
Atlanta Stove Works, Inc.
BAHCO Systems, Inc.
Browning Manufacturing, Division of Emerson Electric Company
Door Systems, Inc.
Enatech Corporation
Enplas (USA), Inc.
Graphic Art Service, Inc.
Hitachi Metals International, Ltd.
McKee Doors Company
Oatey Company
Olivet Manufacturing Company
Porvene Roll-A-Door, Inc. (expansion)
Republic Truck Equipment, Inc.
Sands & Company
Sheppard's Draperies, Inc. (expansion)
Southern Tea Company
SWECO
Transart Industries, Inc. (expansion)
Withers Machine Works (expansion)

Non-manufacturing

Better Brands
Butler Shoe Corporation
Commonwealth Electric Company
Formac, Inc. (expansion)
Genuine Parts Company
Georgia Hospital Association
Georgia Tech Engineering Experiment Station
Hewlett Packard Company
Hilton Hotel
Home Transportation Company
Institute of Nuclear Power Operations (INPO)
Kawasaki Loaders, Division of Sumitomo Corp. of America
Kayot, Inc.
Lockheed Credit Union
Marriott Hotel
North American Products
Pacesetter Steel Services, Inc.
Standard Mortgage Company
Thyssen Company
TVW Paper Machines, Inc.

INDUSTRIAL SUPPORT

The following industrial support services are available locally.

- | | |
|--|--------------------------------|
| -blue prints and other reproduction services | -mill supplies |
| -die casting | -office supplies and equipment |
| -electrical repair | -plating |
| -foundry | -plumbing/piping |
| -job printing | -steel supplies |
| -machine shop | -testing lab |
| -mechanical engineers | -welding |

Within a 30-minute drive of Cobb County a wide variety of industrial services is available throughout metropolitan Atlanta.

LABOR SUPPLY

LABOR

Within the Marietta labor market area, which includes Bartow, Cherokee, Douglas, Fulton and Paulding counties, 10,300 experienced industrial workers can be considered as available for manufacturing employment. Most of this potential labor supply can be recruited in situations where new jobs would meet existing wage rate levels. These estimates (as of November 1979) for recruitable industrial labor include 4,900 men and 5,400 women.

Major components of the Cobb County labor pool include

- o Currently unemployed
- o Part-time employed
- o Underemployed (currently working, but qualified for better jobs)
- o Housewives who would enter the job market
- o High school graduates and dropouts
- o Individuals commuting to other jobs, but interested in work closer to home
- o Part-time farm operators and surplus agricultural workers

It is estimated that there are 11,800 high school graduates in the area during 1980, and a substantial portion of these will enter the labor market.

Principal competition for industrial employees is in Fulton, DeKalb, and Gwinnett counties. The majority of the labor pool has some previous work experience, not necessarily in manufacturing operations. Available labor in the area is considered to be easily trained, and training help for new manufacturing plants is available from the Georgia Department of Education through its Quick-start program, administered by the Marietta-Cobb Area Vocational-Technical School.

EMPLOYMENT

Atlanta Area*
(December 1979)

(in thousands)

Total Nonagricultural	872.3
Manufacturing	136.0
Durable Goods	67.0
Lumber and Wood	3.1
Furniture and Fixtures	3.0
Stone, Clay and Glass	7.6
Primary Metals	4.8
Fabricated Metals	7.7
Machinery, except Electrical	7.0
Electrical and Electronic Equipment	9.0
Transportation Equipment	21.6
Other Durables	3.2
Nondurable Goods	68.9
Food and Kindred Products	18.2
Textile Mill Products	7.1
Apparel and Other Textile	10.2
Paper and Allied	7.2
Printing and Publishing	14.3
Chemicals and Allied	7.3
Other Nondurables	4.7

EMPLOYMENT
(continued)

Nonmanufacturing	736.3
Contract Construction	36.4
Transportation & Public Utilities	79.0
Wholesale and Retail Trade	246.2
Wholesale Trade	93.1
Retail Trade	153.1
Finance, Insurance & Real Estate	61.5
Finance	22.9
Insurance	24.7
Services	161.0
Government	152.2
Federal	29.3
State and Local	122.9

*Includes Butts, Cherokee, Clayton, Cobb, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale and Walton counties.

Data reported by Georgia Department of Labor.

PRODUCTION WORKERS AND AVERAGE HOURLY EARNINGS

Atlanta Area *
(December 1979)

	<u>Numbers of Workers</u> (in thousands)	<u>Average Hourly Earnings</u>
Total Manufacturing	93.8	\$6.54
Durable Goods	47.3	7.40
Nondurable Goods	46.5	5.67
Selected Industries		
Food and Kindred Products	10.4	5.27
Textile Mill Products	6.0	4.70
Apparel and Other Textile	8.2	4.43
Lumber and Wood Products	2.5	4.20
Furniture and Fixtures	2.4	5.52
Paper and Allied Products	5.5	6.96
Chemicals and Allied	3.5	5.99
Stone, Clay and Glass	5.4	5.60
Primary Metals	3.3	8.77
Fabricated Metals	5.8	6.63
Machinery, except Electrical	4.6	5.70
Transportation Equipment	15.4	10.32

*Includes Butts, Cherokee, Clayton, Cobb, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, Rockdale and Walton counties.

Data reported by Georgia Department of Labor.

1 9 8 0 E M P L O Y E D W O R K E R S

COBB COUNTY

R A N K E D B Y W A G E

----- A L L I N D U S T R I E S -----					
INDUSTRY	FIRMS	1980 EMPLOYMENT	% AREA	% FEMALE	1979 WEEKLY WAGE
Manufacturing	171	17,379	21%	21%	\$310
Transportation/Public Utilities	138	5,931	7	-	300
Mining	1	65	1	-	-
Government	122	3,714	4	-	268
Finance/Insur/Real Estate	397	4,416	5	-	245
Construction	730	5,981	7	-	241
Services	1,447	23,038	27	-	192
Wholesale/Retail Trade	1,596	22,742	27	-	173
Agric/Forest/Fishing	80	670	1	-	168
All Others	65	100	1	-	-
TOTAL	4,747	84,036	100%	NA	\$232

----- M A N U F A C T U R I N G -----					
Transportation Equipment	3	10,042	58%	12%	\$379
Nonelectric Machinery	27	605	3	17	341
Chemicals	14	553	3	19	318
Paper	12	886	5	20	292
Electric Machinery	1	13	1	23	-
Instruments	3	151	1	44	220
Stone/Clay/Glass/Concrete	15	596	3	11	218
Petroleum	2	186	1	5	-
Printing	17	218	1	46	204
Rubber	8	216	1	27	194
Primary Metals	5	170	1	9	191
Fabricated Metals	21	606	3	27	189
Food	8	684	4	32	179
Lumber	12	445	3	30	175
Textiles	6	1,043	6	53	173
Apparel	4	378	2	89	156
Furniture	8	301	2	30	151
Leather	1	204	1	83	-
Miscellaneous Manufacturing	4	82	1	50	-
TOTAL	171	17,379	100%	21%	\$310

TRAINING PROGRAMS FOR INDUSTRY

The Marietta-Cobb Area Vocational Technical School, established jointly by the Marietta and Cobb County boards of education, is operated in conjunction with 27 similar schools throughout Georgia. The curriculum is designed to provide training in auto mechanics, business education, electronic technology, heating and air conditioning, machine shop, data processing, health services, and technical drafting. Special courses can be designed to meet the needs of a particular industry or business.

"Quick Start" is a program of the Georgia Department of Education designed to aid new industries by training new employees. It is administered in the area by the Marietta-Cobb Area Vocational Technical School. Under this program, the State pays for screening, hiring, and training all workers, using curricula developed jointly by "Quick Start" training specialists and executives of participating industries. Workers may be trained on general purpose equipment owned by the State or special purpose equipment loaned by the industry either for in-depth pre-employment training in a variety of skills or in short courses designed to help workers upgrade skills and acquire new skills.

The Comprehensive Employment and Training Act (CETA), a program sponsored by the U. S. Department of Labor, provides both pre-employment and on-the-job training of industrial workers. It is administered in the area by the Marietta office of the Georgia Department of Labor.

Industrial training programs can also be provided by Southern Technical Institute, a four year institution in the University System of Georgia, offering industry-oriented short courses both in plant and on campus.

UNION ACTIVITY

Between 1961 and 1980, 56 industrial labor organization elections have been held in Cobb County. The unions won 28 and lost 23; results of the remaining five were not available.

Between 1950 and 1980, only 9 work stoppages involving 7 firms in the county have occurred.

Manufacturing unions are listed below by municipality and by company.

Unionized Manufacturing Companies

	<u>Employment</u>		<u>Established</u>		Union Name
	Firm	Union	Firm	Union	
<u>Austell</u>					
Austell Box Board	300	12	1948	1977	Teamsters, Inc. (IBT)
<u>Marietta</u>					
Barco of Ga.	30	24	1964	1970	Leather Goods Workers (LGPN)
G. J. Aigner Co.	43	0	1974	1978	Graphic Arts (GAIU)
Pioneer Metals, Inc.	13	3	1963	1967	Steelworkers (USA)
Prior Coated Metals	35	19	1969	1975	Steelworkers (USA)
Jervis B. Webb	100	44	1955	1955	Iron Workers (BSIW)
Lockheed-Georgia	11,706	7,324	1951	1951	Machinists (IAM)
<u>Powder Springs</u>					
Thompson Hayward	23	5	1918	1970	Teamsters (IBT)
Atlanta Structural	39	7	1959	1969	Laborers (LIUNA)
Southern Lead Burning	11	3	1945	1974	Plumbers (PPF)
<u>Smyrna</u>					
Knox, R. F. Co.	170	150	1914	-	Sheet Metal Workers (SMW)

County Summary

<u>Manufacturing Employment</u>		<u>Manufacturing Plants</u>	
Total	17,356	Total	171
Union	7,634	Union	11
% Union	44%	% Union	6.4%

TRANSPORTATION RESOURCES

TRANSPORTATION

Cobb County's physical location in the metropolitan Atlanta area provides its businesses and residents with convenient access to the air, rail, motor freight, and bus services of the Southeast's major transportation center. Atlanta's Hartsfield International Airport is less than an hour from any point in the county, two major rail systems serve the county, and three interstate highways traverse Cobb County.

Airlines

Cobb businesses and residents have access to freight and passenger services which are available at the Hartsfield International Airport, reportedly the second busiest airport in the nation.

Eleven domestic and international airlines serve Hartsfield: Braniff, British Caledonia, Delta, Eastern, Frontier, Lufthansa, Northwest, Ozark, Piedmont, Republic and Sabena. Also, three scheduled commuter lines serve this port: Atlantic Southeast, Ocean, and Southeastern Commuter.

In Cobb County, McCollum Field has a lighted 4,000-foot runway with service for general aviation aircraft. Dobbins Air Force Base/Naval Air Station Atlanta supports components of the Air Force Reserve, Air National Guard, Naval Air Reserve, Marine Air Reserve, and Army National Guard. It also provides runway access for Lockheed-Georgia Company.

Railroads

Two railroad systems serve the county: The Family Lines System (Seaboard Coastline, Louisville & Nashville, Georgia, Clinchfield, and Atlanta and West Point) and the Southern Railway System (Southern and Central of Georgia). Both maintain major freight classification yards in Atlanta.

Transportation
(continued)

Motor Freight Carriers

Fifty-one interstate motor freight carriers provide service in Cobb County; nineteen of these have intrastate as well as interstate authority. A list of these carriers follows.

Most of Cobb County is within the commercial delivery zone for Atlanta. Atlanta is served by 68 interstate carriers, 25 having ICC authority 15 miles beyond the Atlanta city Limits.

Bus Service

Greyhound Bus Lines and Trailways, Inc. both provide bus service in Cobb County.

INTERSTATE TRUCKING FIRMS

COBB COUNTY

AAA Cooper Transportation
ABF Freight System
American Freight System, Inc.
*Atlanta Motor Lines, Inc.
*Barnes Freight Lines, Inc.
Blue Ridge Transfer Co.
Bowman Transportation, Inc.
*Branch Motor Express Co.
*Brown Transport Corp.
Campbell "66" Express, Inc.
Carolina Freight Carriers Corp.
*Cedartown-Atlanta Freight Lines, Inc.
Central Truck Lines, Inc.
*Central Motor Truck Lines, Inc.
Consolidated Freight Ways Corp. of Delaware
*Cooper Motor Lines, Inc.
CW Transport, Inc.
Deaton, Inc.
*Early Rival Motor Express, Inc.
East Texas Motor Freight
Floyd & Beasley Transfer Co., Inc.
GFA Transportation Co., Inc.
*Georgia Highway Express, Inc.
Gordons Transports, Inc.
Hayes, William, Lines, Inc.
Interstate Motor Freight System
*Jack Rabbit Express
Johnson Motor Lines, Inc.
Jones Truck Lines, Inc.
Lee Way Motor Freight, Inc.
Mason & Dixon Lines, Inc.
McLean Trucking Co.
Mercury Freight Lines, Inc.
Mercury Motor Express, Inc.
*MR & R Trucking Co.

Interstate Trucking Firms in Cobb County
(continued)

Neely, Ross, Express, Inc.
Old Dominion Freight Line
*Osborn Transportation, Inc.
*Overnite Transportation Co.
*Owens Freight Lines
*Pacific Intermountain Express
*Pike Transfer Co., Inc.
Pilot Freight Carriers, Inc.
*Ploof Truck Lines
*R.C.A. Truck Lines
Red Ball Motor Freight, Inc.
Roadway Express, Inc.
Ryder Truck Lines, Inc.
*S&W Freight Lines, Inc.
Smith's Transfer Corp.
Southeastern Freight Lines
Spector Freight System, Inc.
Tennessee-Carolina Transportation, Inc.
*Thurston Motor Lines
TIME-DC, Inc.
Tower Lines, Inc.
Transamerican Freight Lines, Inc.
Transcom Lines
Watkins Motor Lines, Inc.
*Wilson Freight Co.
Yellow Freight System, Inc.

*Lines having intrastate service authority

UTILITIES

ELECTRIC POWER

Georgia Power Company supplies electric power to Cobb County from an integrated system with generating facilities distributed throughout the state. Closest generating facilities are Plant Atkinson and Plant Jack McDonough both located in Cobb County. Industrial rate schedules of Georgia Power Company follow.

Industrial power is also supplied by the Marietta Board of Lights and Water Works and by the Cobb Electric Membership Corporation (which is served by Oglethorpe Electric Corporation). Rate schedules for these companies follow.

A very small portion of Cobb County is served by Douglas County Electric Membership Corporation.

GEORGIA POWER COMPANY

Power and Light

SCHEDULE "PL-3"

AVAILABILITY:

Throughout the Company's service area from existing lines of adequate capacity.

APPLICABILITY:

To all electric service of one standard voltage required on Customer's premises, delivered at one point and metered at or compensated to that voltage.

TYPE OF SERVICE:

Single or three phase, 60 hertz, at a standard voltage.

MONTHLY RATE—Energy Charge Including Demand Charge:

Base Charge	\$6.00
First 3,000 kWh	@ 6.26¢ per kWh
Next 7,000 kWh	@ 5.51¢ per kWh
Next 190,000 kWh	@ 4.10¢ per kWh
Over 200,000 kWh	@ 3.10¢ per kWh
All consumption (kWh) in excess of 200 hours and not greater than 400 hours times the billing demand	
@ 0.57¢ per kWh	
All consumption (kWh) in excess of 400 hours times the billing demand	
@ 0.326¢ per kWh	

FUEL COST RECOVERY:

The amount calculated at the above rate will be increased under the provisions of the Company's effective Fuel Cost Recovery Schedule.

Minimum Monthly Bill:

- A. \$6.00 Base Charge plus \$5.00 per kW of billing demand in excess of 30 kW, plus excess kVAR charges.
- B. Metered Outdoor Lighting: The lesser of (1) that determined from paragraph "A" above, or (2) \$20.00 per meter for metered outdoor lighting installations, provided service is limited to the lighting equipment itself and such incidental load as may be required to operate coincidentally with the lighting equipment.

DETERMINATION OF BILLING DEMAND:

The Billing Demand shall be based on the highest 30-minute kW measurements during the current month and the preceeding eleven (11) months. For the billing months of June through September, the Billing Demand shall be the greatest of (1) the current actual demand or (2) ninety-five percent (95%) of the highest actual demand occurring in any previous applicable summer month or (3) sixty percent (60%) of the highest actual demand occurring in any previous applicable winter month (October through May). For the billing months of October through May, the Billing Demand shall be the greater of (1) ninety-five percent (95%) of the highest summer month (June through September) or (2) sixty percent (60%) of the highest winter month (including the current month). In no case shall the Billing Demand be less than the contract minimum nor less than 5 kW.

Where there is an indication of a power factor of less than 90% lagging the Company may at its option, install metering equipment to measure Reactive Demand. The Reactive Demand shall be the highest 30-minute kVAR measured during the month. The Excess Reactive Demand shall be kVAR which is in excess of one-half of the measured actual kW in the current month. The Company will bill excess kVAR at the rate of \$0.20 per excess kVAR.

SPECIAL APPLICABILITY:

Non-demand Service

Any customer receiving electric service at one point and metered at or compensated to that voltage who uses less than 3,000 kWh monthly and having a maximum 30-minute measured demand of less than 30 kW is not subject to the billing demand and kVAR charges in the minimum monthly bill provision in this schedule. Billing under this option shall be designated PL-3-N.

Unmetered Service

Where the installation of metering equipment is impractical or uneconomical, monthly kWh may be estimated by the Company and billed at the above monthly rate. Billing under this option is designated as PL-3-U.

PAYMENT:

Bills under this Schedule are due and payable at any office of the Company when rendered. Bills are past due and delinquent if not paid by the past due date shown on the bill. All bills not paid by the past due date shall be subject to a one percent (1%) per month late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

TERM OF CONTRACT:

Not less than one year up to and including 500 kW maximum anticipated 30-minute kW, nor less than five years over 500 kW maximum anticipated 30 minute kW.

Service hereunder subject to Rules and Regulations for Electric Service on file with the Georgia Public Service Commission.

GEORGIA POWER COMPANY

Off-Peak Service Rider

SCHEDULE "OP-2"

APPLICABILITY:

Applicable upon request as a modification of the rate schedules for Power and Light, Municipal Pumping Service, and Full Use Service to Governmental Institutions for Redistribution when off-peak usage exists.

DEFINITIONS:

- A. Off-peak usage is defined as power requirements occurring between the hours of 10:00 p.m. and 7:00 a.m. daily or Saturdays, Sundays and certain holidays. The day on which the holiday is observed shall count as an off-peak day. The holidays are New Year's Day, Memorial Day (May 30), Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.
- B. On-peak usage is defined as all power requirements not included in (A) above.

DETERMINATION OF BILLING DEMAND:

Billing demand as modified by this rider shall be the greater of

- (1) Sixty percent (60%) of the highest current or preceding eleven (11) months off-peak demand or
- (2) The billing demand determination based on the on-peak demand as specified in the applicable rate.

METERING:

Option I—Where special metering must be installed specifically for the purpose of measuring off-peak usage and the customer specifically requests graphic metering, the charge of \$25.00 a month will be added to the customer's bill to cover the graphic metering expense.

Option II—The Company's standard method of metering off-peak usage will be two demand meters in conjunction with a time clock. The charge for such metering will be \$13.00 a month for the additional metering expense. This method will not recognize holidays as off-peak usage.

Customers normally operating off-peak, as defined above, whose monthly power requirements normally are less than 100 kWh per kW, may, at the Company's option, require no special metering.

PAYMENT:

Bills under this Schedule are due and payable at any office of the Company when rendered. Bills are past due and delinquent if not paid by the past due date shown on the bill. All bills not paid by the past due date shall be subject to a one percent (1%) per month late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

Service hereunder subject to Rules and Regulations for Electric Service on file with the Georgia Public Service Commission.

GEORGIA POWER COMPANY
Limited Standby Service Rider
SCHEDULE "LS-2"

AVAILABILITY:

Throughout the Company's service area from existing lines of adequate capacity.

APPLICABILITY:

This schedule applies in connection with any rate provided for the class of service involved. The customer will make arrangements for this service with the Company for each occurrence before service shall commence. The service provided under this schedule shall be for those periods of time when the customer has a temporary requirement for electric power to replace other sources of electric power. The temporary requirement for electric power shall be in excess of the customer's normal requirement. The customer will be responsible to the Company for any additional cost of installing and removing any additional equipment required to meter or deliver the temporary requested capacity and energy. The Company shall have the right to interrupt or deny service under this agreement at any time solely at the option of the Company.

TYPE OF SERVICE:

Three phase, 60 hertz, at a standard voltage.

ENERGY RATE:

All kWh @.....4.83¢ per kWh

FUEL COST RECOVERY:

The amount calculated at the above rate will be increased under the provisions of the Company's effective Fuel Cost Recovery Schedule.

PAYMENT:

Bills under this Schedule are due and payable at any office of the Company when rendered. Bills are past due and delinquent if not paid by the past due date shown on the bill. All bills not paid by the past due date shall be subject to a one percent (1%) per month late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

Service hereunder subject to Rules and Regulations for Electric Service on file with the Georgia Public Service Commission.

GEORGIA POWER COMPANY

Fuel Cost Recovery

SCHEDULE "FCR-3"

APPLICABILITY:

This schedule is applicable to and becomes a part of each retail rate schedule in which reference is made to the Fuel Cost Recovery Schedule.

RATE:

All bills rendered subject to the Fuel Cost Recovery Schedule shall be respectively increased in an amount equal to **1.4201¢ per kWh.**

Fuel costs shall be the cost of:

- (1) fossil and nuclear fuel consumed in the Company's own plants, and the Company's share of fossil and nuclear fuel contained in jointly owned or leased plants.
- (2) the identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in (3) below.
- (3) the net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein may be such costs as the charges for energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the buyer to substitute for its own higher cost of energy; and less
- (4) the cost of fossil and nuclear fuel recovered through intersystem sales when sold on an economic dispatch basis.

PAYMENT:

Bills under this Schedule are due and payable at any office of the Company when rendered. Bills are past due and delinquent if not paid by the past due date shown on the bill. All bills not paid by the past due date shall be subject to a one percent (1%) per month late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

Service hereunder subject to Rules and Regulations for Electric Service on file with the Georgia Public Service Commission.

Effective with bills rendered on and after May 1, 1980.

BOARD OF LIGHTS AND WATER WORKS

MARIETTA, GEORGIA

INDUSTRIAL SERVICE

SCHEDULE "IS-1"

EFFECTIVE BILLING DATE FEBRUARY 14, 1977

APPLICABILITY: To all electric service of one standard voltage, delivered at one point to any customer engaged in the manufacture of a finished product, the extraction, fabrication or processing of a raw material, or the transportation or preservation of a raw material or a finished product, for use as motive power, or for other legitimate power requirements in the operation of his industrial plant. Such incidental lighting as may be necessary for the proper operation of the plant machinery, or for office use on the same premises, may be included. No service may be resold, nor transmitted to other premises, nor used in the operation of a related commercial enterprise.

TYPE OF SERVICE: Single or three-phase, 60 hertz, at a standard secondary voltage.

GROSS MONTHLY RATE:

Demand Charge:

First	100 KW or less	@	\$622.31
Next	900 KW	@	3.769 per KW
Over	1000 KW	@	2.603 per KW

Excess Reactive Demand	@	.26297 per KVAR
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Energy Charge:

First	400 KWH per KW	@	.02289 per KWH
Over	400 KWH per KW	@	.02028 per KWH

Minimum gross montly charge	\$622.31 (not including Fuel Adjustment)
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NOTE: 10% discount if paid within discount period.

FUEL ADJUSTMENT: The amount calculated at the above rate is subject to increase with any charges for "Fuel Adjustment" in the Board's wholesale power purchases. The amount to be charged will be the same rate per KWH as the wholesale "Fuel Adjustment" charge determined from the wholesale power bills received during the immediately preceding month.

SCHEDULE "IS-1" Continued

DETERMINATION OF DEMAND: The demand shall be based on the highest 30-minute KW measurements during the current month and the preceding eleven (11) months. For the billing months of June through September, the KW demand shall be the greatest of (1) the current actual demand or (2) ninety-five percent (95%) of the highest demand occurring in any previous applicable summer month or (3) sixty percent (60%) of the highest demand occurring in any previous applicable winter month (October through May). For the billing months of October through May, the KW demand shall be the greater of (1) ninety-five (95%) of the highest summer month (June through September) or (2) sixty percent (60%) of the highest winter month (including the current month). In no case shall the demand be less than the contract minimum nor less than 100 KW.

The Reactive Demand shall be the highest 30-minute KVAR measured during the month. The excess Reactive Demand shall be KVAR which is in excess of one-half the measured KW in the current month.

Rates do not include 3% Georgia Sales Tax.

METERING: The meter, meter socket and metering transformers will be furnished and owned by the Board of Lights and Water Works. The Board will furnish and connect necessary wiring for all watt-hour meters with instrument transformers. The necessary conduit, brackets, etc., for metering purposes will be furnished and installed, in addition to the Board's meter socket and metering transformers, by the customer.

CONTRACT PERIOD: Not less than one year up to and including 500 KW maximum anticipated 30-minute KW, nor less than five years over 500 KW maximum anticipated 30-minute KW.

COBB COUNTY ELECTRIC MEMBERSHIP CORPORATION

INDUSTRIAL SERVICE SCHEDULE

"IS-2A"

MULTIPHASE

Availability

Available to members located on or near the Corporation's multiphase lines of adequate capacity, subject to the Corporation's Service Rules and Regulations.

Applicability

To all electric service required in connection with manufacturing or processing on an Industrial Member's premises, delivered at one point and metered at or compensated to that voltage.

Type of Service

Multiphase service, 60 Hertz, at the following standard voltages: 120/240, 120/280, 277/480 or other voltages as might be mutually agreeable.

Rate: (Monthly)

Demand Charge

First	100 kW or less	@	\$830.00 per month
Next	900 kW	@	6.25 per kW
Over	1,000 kW	@	5.55 per kW
Excess Reactive Demand		@	.20 per kvar

Energy Charge

First 400 kWh per kW of Demand per month	@	2.43¢ per kWh
All kWh over 400 kWh per kW of Demand per month	@	2.21¢ per kWh

Determination of Demand

The demand shall be based on the highest 30-minute kW measurements during the current month and the preceding eleven (11) months. For the billing of June 20 through October 20, the kW demand shall be the greatest of (1) the current actual demand or (2) ninety percent (90%) of the highest demand occurring in any previous applicable summer month of (3) sixty-five percent (65%)

"IS-2A"
Multiphase
(continued)

of the highest demand occurring in any previous applicable winter month (October 21 through June 19). For the billing of October 21 through June 19, the kW demand shall be the greater of (1) ninety percent (90%) of the highest summer month (June 20 through October 20) or (2) sixty-five percent (65%) of the highest winter month (including the current month). In no case shall the Demand be less than the contract minimum nor less than 100 kW.

Term of Contract

Not less than one year up to and including 500 kW maximum anticipated 30-minute kW, nor less than five years over 500 kW maximum anticipated 30-minute kW.

Reactive Demand Adjustment

Where demand is expected to exceed 100 kW, the Corporation may install metering equipment to measure Reactive Demand. The Reactive Demand is the highest 30-minute kvar measured during the month. The Corporation shall bill to the member the excess kvar, that portion of kvar which is in excess of one-half the measured kW in the current month, at \$0.20 per kvar.

Wholesale Power Adjustment

The above rates shall be increased or decreased, subject to the provisions of the Corporation's Wholesale Power Adjustment Schedule WP.

Terms of Payment

Except for any Wholesale Power Adjustment which is net, the above rates are gross and will be discounted 5% if payment is made within 15 days from billing date.

NATURAL GAS

Cobb County has natural gas available for industrial consumption from the Atlanta Gas Light Company and the Austell Natural Gas System on both firm and interruptible schedules. Rates and services follow.

ATLANTA GAS LIGHT COMPANY

RATE N-8

GENERAL GAS SERVICE (OPTIONAL)

Territory:

In the certificated natural gas areas of the Company as shown on the current Rate Zone Map on file with the Georgia Public Service Commission.

Available:

To any regular natural gas customer for commercial or industrial purposes except as provided herein, using less than 3,000 therms of gas in any one day during the billing periods of October through April in the territory shown above and who contracts in writing for service under this schedule and provided the Company has gas delivery capacity in excess of the then existing requirements of other customers.

Rate:

Net Per Therm

For up to the first five days' use of the Billing Demand	14.6 cents
For all additional therms used per month	5.5 cents

Summer Air-Conditioning Rate:

To any commercial or industrial customer who has installed and regularly operates a gas-fired central air-conditioning system which meets Company's specifications. All provisions of the above rate schedule will apply except as specifically modified herein. The volume of gas used for summer air-conditioning purposes will be determined by metering equipment installed by the Company.

All gas used for the operation of such summer air-conditioning equipment during the period May through September inclusive, will be billed at 5.5 cents per Therm.

Minimum Monthly Charge:

The minimum monthly bill shall be the charges which would be payable hereunder had the customer consumed 1,000 therms during such month.

Effective: With service on and after
February 6, 1980

ATLANTA GAS LIGHT COMPANY

RATE _____ N-8 _____

GENERAL GAS SERVICE (OPTIONAL)

Definition of Billing Demand:

The Billing Demand:

- A. during the billing period of March through September is the maximum quantity of gas expressed in therms delivered by the Company to the customer in any one day during the immediately preceding billing period of October through February; and
- B. during the billing period of October through February is the maximum quantity of gas expressed in therms delivered by the Company to the customer in any one day during the current billing period of October through February or during the immediately preceding billing period of October through February, whichever is greater.

Determination of Billing Demand:

The Billing Demand shall be determined by metered measurement with suitable demand metering equipment.

Seasonal Service:

Seasonal customers using gas during any of the months of April through October may obtain service under this schedule. Such customers shall pay a turn-on charge of \$30 and a turn-off charge of \$30. The demand charge shall apply only during the months service is available. Gas service under any other of the rate schedules of the Company shall not be used in this equipment served under this provision.

Payment:

Bills are due when rendered at the net rate shown above and shall be paid in full at any office of the Company within ten (10) days from the date mailed or otherwise delivered.

Determination of Therms:

The gas for any billing period expressed in hundreds of cubic feet, shall be multiplied by the average BTU of the gas send-out as determined below and divided by 1,000 in order to determine the number of therms consumed in the billing period. Such calculation shall be to the nearest whole therm.

Effective: With service on and after

February 6, 1980

ATLANTA GAS LIGHT COMPANY

RATE N-5

INDUSTRIAL INTERRUPTIBLE SERVICE

Territory:

In the certificated natural gas areas of the Company as shown on the current Rate Zone Map on file with the Georgia Public Service Commission.

Available:

To any regular natural gas customer on an interruptible basis for industrial purposes but not residential or commercial purposes except as provided herein, whose normal productive uses of gas require a consumption of 1,000 Therms or more of gas in any one day in the territory shown above, and who contracts in writing for service under this schedule for substantially all of his fuel requirement that the Company can supply provided the Company has gas delivery capacity in excess of the then existing requirements of other customers and provided the Company has available to it from its suppliers at the delivery point nearest to the customer an adequate supply of natural gas to meet the customer's requirements. The Company reserves the right to refuse (a) to contract for Firm Use Gas or (b) to make gas available where the relationship between the average daily consumption and the maximum daily consumption indicates a forced or unusual usage on the maximum day in an attempt to qualify for the minimum daily consumption stated above.

Character of Service:

1. All gas delivered under this rate schedule shall be subject to curtailment in whole or in part only after the Company has given at least thirty minutes notice by telephone or otherwise except in force majeure conditions. The Company may curtail customers served under this rate schedule in such order and each customer to such extent as the Company deems necessary for the proper operation of its distribution system. Subject to the foregoing, curtailment by the Company hereunder shall be made pursuant to the load control provisions of the Company filed with and approved by the Georgia Public Service Commission from time to time; provided, however, that among customers with equal priority who are served by the Company from the same delivery point, the customers who pay the lowest average cost for gas shall be curtailed first. Upon notice of curtailment by the Company in whole or in part of the supply of gas to the customer, the customer must promptly discontinue

Effective: With service on and after
February 6, 1980

ATLANTA GAS LIGHT COMPANY

RATE N-5INDUSTRIAL INTERRUPTIBLE SERVICECharacter of Service (Cont'd):

- use of gas in whole or in part as provided in the curtailment notice.
2. Interruptible service may be curtailed at any time after notice as provided in (1) above.
 3. Firm use gas as hereinafter defined will not be curtailed except pursuant to the Company's load control provisions filed with and approved by the Georgia Public Service Commission, from time to time.
 4. The service contemplated hereunder is of an industrial character and the Company does not guarantee the chemical composition or specific gravity of the gas delivered, nor does Company guarantee such gas to be free from interruptions or fluctuations in delivery pressure or that the chemical composition or specific gravity of the gas delivered may not vary from time to time. There is no warranty, either express or implied, as to the fitness of gas delivered pursuant to this schedule for use in the customer's operations.
 5. In the event the Company is unable to obtain from its pipeline suppliers sufficient gas to supply the requirements of all customers served under this schedule, as well as the requirements with the same or greater priority, of customers served under any other industrial rate schedule hereinafter made effective, the volumes available for such service shall be prorated among all such customers.

Base Rate:Firm Use Charge:

For the quantity of natural gas stated in the contract for service as the Firm Use per day at \$7.68 per therm per year billed at \$.64 per therm per month.

Commodity Charge:

All gas delivered

Per Therm Net
4.86 cents

Effective: With service on and after
February 6, 1980

ATLANTA GAS LIGHT COMPANY

RATE N-5

INDUSTRIAL INTERRUPTIBLE SERVICE

Firm Use:

Firm Use is the daily rate of taking of gas in Therms agreed upon in the contract between the parties as the maximum rate of delivery which the Company shall be required to make to the customer during any one day subject to the provisions of this rate schedule. The hourly rate of delivery of Firm Use Gas shall not be greater than 1/18th of the Firm Use per day contracted for.

Except in cases of force majeure as defined herein, if the Company fails to offer to deliver for a period of more than 24 continuous hours in any month the daily Firm Use volumes contracted for, the Firm Use charge for that month shall be prorated on a daily basis in accordance with the ratio that the Firm Use volumes actually delivered during such month bear to the Firm Use volumes contracted for.

Unauthorized Consumption of Gas:

In the event the customer fails to comply with any curtailment order of the Company reducing either the customer's hourly or daily use of gas, the Company may elect one of the following options:

- (A) To discontinue completely all deliveries to the customer, including any Firm Gas under contract, during the day customer fails to comply with such curtailment order; or
- (B) To furnish such quantity of overrun gas as the Company, in its judgment determines it can supply, at a surcharge of 50.0 cents per therm in addition to the regular commodity charge for such gas, subject however to discontinuance at any time by the Company at its election.
- (C) To require Customer to pay Company a charge of \$3.00 per therm for all unauthorized gas taken, not supplied by Company pursuant to (B) above, in addition to the regular commodity charge for such gas.

Effective: With service on and after
February 6, 1980

ATLANTA GAS LIGHT COMPANY**RATE** N-5INDUSTRIAL INTERRUPTIBLE SERVICEDetermination of Therms:

The gas for any billing period, expressed in hundreds of cubic feet shall be multiplied by the average BTU of the gas send-out as determined below and divided by 1,000 in order to determine the number of Therms consumed for billing purposes. Such calculation shall be made to the nearest whole Therm.

The average BTU of the gas send-out for billing purposes shall be calculated for each calendar month from the weighted average BTU of natural gas delivered to the Company in the city or area where the customer receives service by the Company's suppliers and from the gas delivered by the Company in such city or area from its standby plants, as determined by appropriate calorimeters operated by the Company or its suppliers.

Minimum Monthly Bill:

The minimum monthly bill shall be the monthly billing of the Firm Use Charge.

Minimum Annual Guaranteed Bill:

The minimum annual guaranteed bill for firm use requirements specified in the contract shall be the annual firm use charges.

The minimum annual guaranteed bill for the interruptible requirements specified in the contract shall be the Annual Interruptible Deficiency, as hereinafter defined, multiplied by two cents per therm. The Annual Interruptible Deficiency shall be the maximum daily interruptible requirements specified in the contract multiplied by 200 days, less the sum of the volumes of interruptible gas purchased by the customer during the annual period and the volumes of customer's interruptible requirements curtailed by the Company during such annual period.

The minimum annual guaranteed bill shall be based upon the volume of gas consumed by customer between August 1 and the following July 31. No minimum annual guaranteed bill obligation shall be effective for contracts which on July 31 have been in effect less than twelve months.

Effective: With service on and after

February 6, 1980

AUSTELL NATURAL GAS SYSTEM

GAS RATES

Effective and Applicable to Billings
Beginning Jan. 15, 1978

<u>Commercial Service (SC-1)</u>	<u>Rates</u>
First 600 cu. ft. or less	\$ 3.25 *
Next 14,400 cu ft.	.2900/CCF
Next 20,000 cu ft.	.2420/CCF
All Additional	.2380/CCF

* - Minimum Monthly Charge

Gas Air Conditioning May - September	.1860/CCF
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<u>Large Commercial and Small Industrial (SI-I)</u>	<u>Rates</u>
Monthly Demand Charge	\$ 6.60/MCF
Commodity Charge	1.660/MCF

Minimum Monthly Charge - Not less than \$90.00

<u>Industrial Interruptible (II-I)</u>	<u>Rates</u>
First 1,000 MCF/Mo.	\$ 1.820/MCF
Next 3,000 MCF/Mo.	1.750/MCF
Next 6,000 MCF/Mo.	1.650/MCF
Over 10,000 MCF/Mo.	1.590/MCF

Minimum Monthly Charge Negotiated - Not less
than \$90.00

OTHER FUELS

Coal

Bituminous coal (2 x 0 nut and slack) from mines in Kentucky and Tennessee may be purchased in carload quantities through Atlanta brokers. Coal averaging around 12,000 Btu per pound, with ash content of 10% to 14% and less than 3% sulfur content, is available.

Fuel Oil

Most of the major oil companies are represented by distributors in Cobb County. Large-scale storage facilities are located nearby in Doraville.

Oil Pipelines

Colonial Pipeline Company and Plantation Pipeline Company maintain transmission lines running through Cobb County. Colonial has a pumping station in Smyrna and a "takeoff" station in Powder Springs for shippers who transport oil products.

LP Gas

Liquified propane is distributed in Cobb County by nine companies.

WATER

Cobb County's water supply is based on two sources, the Chattahoochee River and Lake Allatoona. The Cobb County-Marietta Water Authority has primary responsibility for water treatment and distribution, although the municipalities in the county have separate distribution systems. The county-wide authority provides water purification and supplies treated water to wholesale customers including five counties, eight municipalities, one educational institution and one commercial customer.

The Authority's two water treatment plants are being improved to increase present total capacity from 60 MGD (million gallons per day) to 150 MGD. Water system facilities include two clearwells with 4 million gallons total capacity, three ground storage tanks with 15 million gallons and over 120 miles of transmission water mains ranging in diameter from 16" to 48".

Marietta has six water storage tanks with a total capacity of 2.75 million gallons. Other municipalities in the county (Acworth, Austell, Kennesaw, Powder Springs, and Smyrna) have separate storage and distribution systems and have cooperative arrangements with the Water Authority.

Water and sewer service charges for unincorporated areas of the county and for Marietta follow. Discount rates, applicable if paid within fifteen (15) days from the billing date, are shown in the following tables.

A typical finished water analysis of the Cobb County-Marietta Water Authority system follows.

UNINCORPORATED AREAS

<u>Monthly Volume</u> <u>(gallons)</u>	<u>Service Charge (Net Discount)</u>		
	<u>Water</u>	<u>Sewer</u>	<u>Total</u>
First 2,000	\$3.10	\$3.10	\$6.20
Next 4,000	1.20	1.20	2.40
Next 14,000	1.10	1.10	2.20
Next 80,000	.70	.70	1.40
Over 100,000	.60	.60	1.20

Marietta

First 2,000	\$2.95	\$2.80	\$5.75
Next 4,000	1.05	1.10	2.15
Next 14,000	.95	1.00	1.95
Next 80,000	.70	.70	1.40
Over 100,000	.60	.60	1.20

TYPICAL FINISHED WATER ANALYSIS OF
THE COBB COUNTY-MARIETTA WATER AUTHORITY SYSTEM

(parts per million)

		<u>Inorganic Chemicals</u>	Less Than
Alkalinity (Phenolphthalein)	3		
Alkalinity (Methyl Purple)	18		
Calcium	26	Arsenic	0.005
Carbon Dioxide	0	Barium (Total)	0.2
Chlorides	3	Cadmium (Total)	0.002
Chromate	0	Chromium (Total)	0.05
Copper	0	Lead (Total)	0.005
Dissolved Solids	21	Mercury (Total)	0.0002
Dissolved Oxygen	9.1	Nitrate & Nitrite (Total)	0.14
Hardness (Ca CO ₂)	30	Selenium (Total)	0.002
Iron	0	Silver (Total)	0.05
Flouride	0.9		
Manganese	0		
Nitrate	0.1	<u>Organic Chemicals</u>	
Tuibidity	0.35		
Phosphate	0.01	Dendrin	0.00003
Sulfate	34	Lindane	0.000005
Residue after evaporation	75	Methoxychlor	0.003
Magnesium	12	Toxaphene	0.0012
Residual Alumina	0.03	2, 4-D	0.0052
Chlorine Residual	1.8/2.03	Silvex	0.0001

Conductivity: 76 micromhos at 25°C

Odor (Threshold Odor Test): 1.0
pH 8.3

Source: Cobb County-Marietta Water Authority, State Water
Laboratories, April, 1980

RIVERS AND STREAMS

The Chattahoochee River, forming the southeastern boundary of Cobb and Fulton Counties, is the major river in the area. The average discharge recorded on the Chattahoochee upstream from Paces Ferry Bridge at Atlanta (the gaging station nearest Cobb County) over a 45 year period is 2,609 cubic feet per second or 73.9 cubic meters per second. The maximum discharge recorded was 59,000 cubic feet per second or 1,670 cubic meters per second on January 9, 1946. The minimum daily discharge recorded was 296 cubic feet per second or 8.38 cubic meters per second on September 2, 1957.

Since 1956, the river flow has been regulated by Buford Dam, forming Lake Sidney Lanier. Between October, 1974, and September, 1975, Cobb County diverted for daily uses a minimum of 28 cubic feet per second and a maximum of 32 cubic feet per second. Streams in the area that drain into the Chattahoochee are Willeo, Sope, Rottenwood, Nickajack and Sweetwater creeks.

The other principal source of water in Cobb County is Lake Allatoona, formed by Allatoona Dam on the Etowah River near Cartersville. The lake is used for flood control and power. The drainage area covers approximately 1,110 square miles or 2,870 square kilometers. Maximum contents recorded on April 10, 1964, were 693,800 acre-feet (855 cubic hectometers), elevation 861.19 feet (262.49 meters). Minimum contents were 119,600 acre-feet (147 cubic hectometers) on December 4, 1954, elevation 809.34 feet (246.69 meters).

Source: Water Resources Data for Georgia, Water Year 1978.

SEWERS

Cobb County operates all sewage treatment plants in the county. The system includes three major waste water treatment facilities: Chattahoochee River in south Cobb County on Old Atlanta Road, Noonday Creek in north Cobb County north of Shallowford Road, and South Cobb on the Chattahoochee River on Lee Industrial Park. These have a total capacity of 52 MGD (million gallons per day), with plans on the drawing board to increase total capacity to 75 MGD.

Sewer charges are coupled with the water charges (see page 53). The customer is billed by the appropriate agency furnishing water: Marietta Board of Lights and Water, Cobb County Revenue Collection Division or the water departments of the respective municipality.

SOLID WASTE DISPOSAL

Cobb County maintains an approved landfill on County Farm Road for compacted solid waste disposal. The dumping charge for all customers is \$3.75 per ton. In the non-incorporated areas, private firms provide garbage pick-up service, regulated through the revenue department.

The cities of Marietta and Smyrna contract with the county for landfill dumping. Marietta provides for garbage collection within its city limits and in East Marietta.

TELEPHONE SERVICE

Cobb County is included in the metropolitan Atlanta calling area of Southern Bell Telephone and Telegraph Company. Toll-free calls can be made to all points in the metropolitan Atlanta area, the largest toll-free area in the country. Construction was recently completed on a \$31-million long-distance switching center located on the South Four-Lane Highway.

The Western Union office is open from 9:00 a.m. to 6:00 p.m. Monday through Saturday. Toll-free telephone service provides 24-hour telegram, mail-a-gram, and international message services.

GOVERNMENTAL SERVICES

GOVERNMENT

Cobb County is governed by a five-member Board of Commissioners. The chairman is elected at large and the other commission members are elected by districts. They serve staggered terms of four years.

Marietta, the county seat, is governed by a mayor-council form, with a city manager. The mayor and councilmen serve four-year terms. The city manager is appointed by the mayor and council. Other incorporated communities include Acworth, Austell, Kennesaw, Powder Springs and Smyrna; they all have mayor-council form of government.

PLANNING

Cobb County supports a planning department which works in cooperation with the planning department of Marietta and with planners employed by other municipalities in the county. Land use maps, including future land use, are available from the Cobb County Planning Department. Cobb County is a member of the seven-county Atlanta Regional Commission which coordinates area wide planning.

FIRE PROTECTION

Cobb County has 19 fire stations comprising 22 companies. Current plans call for establishment of five additional stations, two of these by 1985. The county fire department rating by the American Insurance Association (formerly the National Board of Fire Underwriters) is Class V, making it one of the two lowest rated county-wide departments in the State. The department presently employs a total of 350 persons.

There are also three municipal fire departments in the county. Marietta has an insurance rating of Class III. It has 6 fire stations and 85 full-time employees. Smyrna has an insurance rating of Class VI, with three stations and an additional one planned. Austell also has a Class VI rating; it has two stations.

POLICE PROTECTION

Cobb County operates a police department and training academy separate from the sheriff's department. The police department is under direct supervision of the Director of Public Safety and has four units: Office of the Director, Uniform Bureau, Detective Bureau, and Administrative Services Bureau. The county is divided into 21 patrol beats, and a 24-hour uniform patrol is maintained seven days a week. The department has over 250 permanent police employees.

Marietta has more than 110 permanent police employees. Acworth, Austell, Kennesaw, Powder Springs, and Smyrna also have police departments.

COUNTY FINANCES

The total tax digest of Cobb County has increased from an assessed valuation of \$277-million in 1965 to \$2,115-million in 1979. Expenditures from the general fund (excluding designated funds) totaled \$32.8-million in 1979. As of December 31, 1979, the county's bonded indebtedness amounted to

General obligation bonds	\$40.37-million
Revenue certificates	
Water and sewer	\$71.17-million
Solid waste facilities	\$ 2.59-million
School bonds	\$75.33-million

TAXES

Ad Valorem Taxes:

Property taxes are the main source of operating income for Cobb County and its municipalities. Property assessments, by state law, must be computed at a rate of 40 percent of the fair market value as of the first day of January of each year.

The millage rate for the unincorporated portion of Cobb County is \$31.90 per thousand dollars of assessed evaluation. The effective tax rate, i.e., the total tax liability per \$1,000 of fair market value is \$12.76.

Rates in the municipalities vary slightly. The data below incorporates both city and county millage in each municipality:

Marietta	\$26.15
Acworth	41.20
Austell	34.10
Kennesaw	38.90
Powder Springs	43.90
Smyrna	40.60

County assessment of furniture, fixtures and equipment is set at the 40 percent of market value and inventories must be reported at full 100 percent value. However, a "freeport" tax exemption is granted for certain classes of inventory. This exemption applies to raw materials, goods in process and finished manufacturing goods temporarily stored in Georgia and destined for shipment to points outside the state. The exemption amounts to 40 percent in unincorporated areas of the county, 40 percent in Marietta and 60 percent in Acworth, Powder Springs and Smyrna.

Sales Tax:

The State of Georgia levies a 3 percent tax on purchases and rentals. Exempted from this provision, however, are machinery used directly in the manufacture of goods, machinery and equipment for reducing air and water pollution and industrial materials which become a component part of a finished product.

Income Tax:

Georgia's corporate income tax is 6 percent on income from business transacted within the state or property located in Georgia. It applies only to income earned in Georgia and is determined by multiplying the adjusted net income by the average

Taxes
(continued)

of the three ratios on property, payroll, and sales.

Corporate Franchise Tax:

An annual tax based on net worth is levied on corporations deriving income from business transacted in Georgia or from property located in the state. Foreign corporations pay on the portion of their net worth in Georgia.

Corporate Registration Fees:

All corporations doing business in Georgia must register with the Secretary of State. Charges for initial registration are \$15 (non-recurring) for domestic corporations and \$100 (non-recurring) for foreign corporations. Both must pay \$5 annually to file an annual report.

COMMUNITY AMENTITIES

EDUCATION

Cobb County has two public school systems. The Marietta Board of Education is responsible for the operation of Marietta City Schools and the Cobb County Board of Education is responsible for the operation of all other public schools. The combined budget figure of these two systems for the 1979-80 academic year approached \$77,499,822. All schools in both systems are accredited by the Southern Association of Colleges and Schools. Students from both systems score at or above the national level on standard tests in all subject areas, and high school students have vocational and academic opportunities in both systems. School facilities are available for community use after school hours.

Cobb County Public Schools

The Cobb County system's operating budget for 1979-80 was \$77.5-million. Student population in the county increased from 41,426 in 1968 to 54,265 in 1979-80. The school system staff includes 5,485 teachers, counselors, specialists, administrators, and operational personnel. Facilities include 42 elementary schools, 13 middle schools, 10 high schools and 3 special education centers.

A county school bond issue for \$22-million was passed in March 1977, with a 71.6% majority. Funds are being used to meet extensive educational needs and reflect a philosophy that incorporates good features of open-area and self-contained concepts.

Cobb County has an extensive Community School Program designed to provide diversified experiences that have educational value for all ages of individuals on an extended day, extended year basis.

Marietta City Schools

One high school, one middle school, and 7 elementary schools comprise the Marietta system. The total school budget for 1979-80 was \$8.1-million. Student enrollment amounted to 4,201 and the staff totaled 500. Transportation is provided for children who

Education
(continued)

live more than one and one-half miles from school. A specially-equipped bus transports handicapped children.

Private Schools

Ten private schools in Cobb County have a combined enrollment of 1,974.

Ami-Event Montessori School	St. Joseph School
Faith Lutheran School	Seventh-Day Adventist School
Joseph T. Walker School	Tabernacle Christian School
Marietta Christian School	The Village School
Northside Christian School	Wood Acres Country School

Post-Secondary Educational Institutions

Cobb County residents have commuting access to more than twenty institutions of higher learning in the Atlanta area. Among major colleges and universities nearby are Agnes Scott College, Atlanta University, Emory University, Georgia Institute of Technology, Georgia State University, and Oglethorpe University. In Cobb County, college and vocational institutions include:

Kennesaw College became a four-year senior college in the University System of Georgia in 1978. A two-year college since its opening in September 1966, it now offers baccalaureate-degree programs in biology, business administration, education, English, history, mathematics, and music. Certain career programs such as nursing, criminal justice, secretarial science, data processing, and junior accounting which lead to an associate degree will be continued.

The Marietta-Cobb Area Vocational-Technical School operates at capacity levels providing vocational and technical training for approximately 780 day school students and 1,000 night school students per quarter. Course offerings are in technical, trade, health, and business fields.

Southern Technical Institute, a unit of the University System of Georgia, became a senior college in 1980. It offers Bachelor

Education
(continued)

and Associate Degree programs in apparel engineering technology, architectural engineering technology, civil engineering technology, electrical engineering technology, industrial engineering technology, mechanical engineering technology, and textile engineering technology. An Associate Degree program also is offered in fire science technology.

MEDICAL FACILITIES

Medical facilities in Cobb County meet current demands for medical service. The present supply is 1,281 beds of which 857 are provided by the Cobb General and the Kennestone Hospital Authorities. Hospitals in the county are listed below.

The county has a full complement of doctors and dentists, including specialists. Over 200 physicians and approximately 175 dentists practice in the county. There are 7 public health centers in the county.

<u>Hospital</u>	<u>Beds</u>
Brawner Hospital (psychiatric) Smyrna	50
Cobb General Hospital Austell	333
Kennestone Hospital Marietta	524
Ridgeview Institute (psychiatric) Smyrna	102
Smyrna Hospital Smyrna	100
Windy Hill Medical Center Smyrna	172

HOUSING AND CONSTRUCTION

Housing in Cobb County includes single-family residences and multi-family complexes. From 1970 to 1979, the number of housing units increased from 61,190 to 107,966, accounting for 22.7% of the increase in housing units for the seven-county Atlanta Region. East Cobb County has experienced the greatest growth rates: an increase of 12,723 dwellings (mostly single-family units) between 1970 and 1977.

As of June 1979 there were 795 subdivisions in the county. Developed lots in the county subdivisions outnumbered undeveloped lots more than two to one.

As of 1980, there were 107 leasable multi-family complexes on 2,031 acres of land in unincorporated Cobb County. These complexes included 18,406 leasable dwelling units. The incorporated areas of the county had a total of 78 leasable multi-family complexes on 847 acres of land. These complexes included 9,049 leasable dwelling units either completed and occupied or in some stage of construction.

Building permits issued in 1979 totaled 4,776 with an evaluation of \$181,100,000. Of these 3,738 were residential permits.

RECREATION

The county, various municipalities, the State of Georgia, and the Federal Government cooperate to offer year-round diversified programs of leisure activity to Cobb residents. Athletic, instructional, cultural, historical, and other special programs are scheduled both indoors and outdoors for youth, adults, mentally retarded persons, physically handicapped youth, and senior citizens.

All of Metropolitan Atlanta's entertainment and recreational attractions are within easy reach of Cobb residents. Included are four major league professional sports (baseball, football, basketball and soccer), Six Flags Over Georgia, pop concerts, professional theater productions, Atlanta Symphony Orchestra, concerts, annual Metropolitan Opera productions, local and touring art exhibits, an annual art festival, ballet performances, science exhibits, auto racing, golf tournaments, horse events, tennis matches, and sailing regattas and races.

Cobb County

Cobb County provides its own schedule of 250 games, productions, exhibits and performances and, in addition, affords its residents a full slate of participatory arts and sports. The Cobb County Parks and Recreation Department has a staff of 250 employees and a budget of over \$2-million. It administers 21 parks which are patrolled by rangers 24 hours a day. Park facilities include playing fields, gymnastic centers, tennis courts, picnic shelters, swimming pools, and lake beach areas. The \$5.25-million Civic Center is designed to accommodate up to 3,200 people for sporting events, banquets, and conventions, and an auditorium with 575 seats for theater and ballet-type entertainment activities. County programs include special activities for handicapped children and adults and for the aged.

Competitive sports events and tournaments, a variety of art classes, special programs that range from canoe races to cheer-leading clinics, ballet, choral, and symphony performances; and swimming instruction are among the varied activities that fill

the Department's calendar. The therapeutic program offers a year-round training program for mentally and physically handicapped.

Private and commercial organizations offer opportunities for swimming, roller and ice skating, tennis, racquetball and golf.

Municipalities

Thirteen city-owned parks and playgrounds and five recreation centers are maintained by Marietta. Athletic and recreational programs are scheduled in these and other locations throughout the year. Marietta's Parks and Recreation Department employs 30 full-time personnel and has an annual budget allocation of almost \$500,000.

Twelve city and neighborhood parks with full year-round programs are maintained by Smyrna. Its Parks and Recreation Department has 23 full-time employees supervising the parks, 14 lighted tennis courts, 3 swimming pools and 10 picnic-playground areas. Acworth, Austell and Kennesaw also have recreation departments and facilities.

U. S. National Park Service and State of Georgia

Kennesaw Mountain National Battlefield Park operated by the National Park Service and Red Top Mountain, a state park on 12,000-acre Lake Allatoona, offer opportunities for hiking, picnicking, swimming, boating, and fishing. They cover 6,636 acres of land, classed as regional or large urban parks. The Kennesaw Mountain area includes principal points of combat in The War Between The States. The park has a museum which is open to the public.

ARTS AND ENTERTAINMENT

Cobb County has an Arts Council which provides a unified voice in support of all the arts. Established in 1967, it works in conjunction with the Cobb County Parks and Recreation Department on special projects and on theater events at the Civic Center. The nineteen members of the Council represent varied artistic, musical, and theatrical interests in the county.

Museums in the area also offer variety. The Cobb County Youth Museum offers yearly exhibits which provide opportunities for students to be a functioning part of the exhibits. The Marietta Fine Arts Center presents monthly exhibits of local and Georgia artists. The museum at Kennesaw National Battlefield Park presents a permanent program. The library has a Georgia Room which includes books by Georgia authors, about Georgia and Georgians, as well as items of local interest.

LIBRARIES

The Cobb County Library System provides a variety of services through a headquarters library in Marietta, thirteen branch libraries over the county, and an extension service. Services include customary circulation, reference, and story-time activities. They also include free meeting rooms and special programs designed to support other organizations. The main library is open over 70 hours per week.

The library system is headed by a well-qualified librarian, with a staff of over 65 full-time and nearly 60 part-time positions. Total funds at the system's disposal in 1975-76 amounted to \$1,105,000. These funds included state and federal as well as local monies, public and private funds.

A high priority in future planning is for a new central library facility.

A public library in Smyrna is financed through a city tax. It has three full-time and four part-time employees. The Smyrna public library in 1980 possessed over 41,000 volumes.

CHURCHES

Catholic and Protestant denominations are represented by over 275 churches which are throughout the county. Jewish synagogues located on the northside of Atlanta are easily accessible to Cobb County residents.

NEWSPAPERS

Newspaper coverage in Cobb County is excellent. The Atlanta Constitution (morning) and the Atlanta Journal (evening) are available at newsstands and through home delivery. The Marietta Daily Journal is widely circulated in the area. Weekly editions of the Cobb County Times are distributed throughout the county. Several neighborhood newspapers, including the Mableton Neighbor, Acworth Neighbor, Austell Neighbor, Kennesaw Neighbor, Powder Springs Neighbor, Smyrna Neighbor, and the Vinings Neighbor, are published by the Marietta Daily Journal. The Sweetwater News Enterprise is published weekly in Austell.

RADIO AND TELEVISION

Cobb County has four radio stations: WBIE and WFOM in Marietta, WYNX in Smyrna, and WACX in Austell. At least 34 other AM or FM stations operate in the Atlanta metropolitan area.

Television reception is excellent in the county from seven Atlanta stations: WSB, WAGA, WXIA, WTBS, WETV, WATL, and WANX. Cablevision is available in Smyrna and several education channels are received in the county.

BANKS AND OTHER FINANCIAL INSTITUTIONS

Eight banks in Cobb County have combined assets exceeding \$550-million. Three are headquartered in Marietta, two in Smyrna, and one each in Austell, Mableton and Powder Springs. The banks are listed below.

Two savings and loan associations are headquartered in Cobb County: Marietta Federal Savings and Loan Association in Marietta and United Federal Savings and Loan in Smyrna. Their combined assets exceed \$136-million. Other organizations headquartered in the Atlanta area which also serve Cobb County are included in the list below. The Fulton Federal Association has nine branches in its Cobb Division.

Banks

The Citizens and Southern Bank of Cobb County	Austell
Cobb Bank and Trust Company	Smyrna
Cobb County Bank	Powder Springs
Commercial Bank of Cobb County	Marietta
First Bank and Trust Company	Marietta
First National Bank of Cobb County	Marietta
Georgia State Bank	Mableton
Trust Company Bank of Cobb County	Smyrna

Savings and Loan Associations

Cartersville Federal Savings and Loan Association
Decatur Federal Savings and Loan Association
DeKalb Federal Savings and Loan Association
First Federal Savings and Loan Association
Fulton Federal Savings and Loan Association
Georgia Federal Savings and Loan Association
Marietta Federal Savings and Loan Association
Standard Federal Savings and Loan Association
United Federal Savings and Loan Association

ACCOMMODATIONS

Hotels and motels in Cobb County provide 1,901 rooms, including the new 15-story Marriott Hotel located at I-75 and Windy Hill. Recently opened (fall of 1980), the Northwest Atlanta Hilton at I-75 and Windy Hill has an additional 224 rooms. Recently announced and scheduled for completion in 1982, the Atlanta Galleria will provide an additional 531 rooms.

These accommodations are in addition to the approximately 31,000 rooms in hotels and motels in the Atlanta metropolitan area which offer a large range in quality and price.

Cobb County has approximately 640 restaurants providing a wide variety in menus, service, and entertainment.

Meeting room facilities include the Cobb County Civic Center which has a 3,200-seat arena for sporting events, banquets, and conventions and a 570-seat arts theater for musical and theatrical productions, speeches, and meetings. It also has smaller meeting rooms.

Other meeting room possibilities are available through both the Cobb County and Marietta school systems, post-secondary schools, financial organizations, churches, and restaurants in the county.

FINANCING AND SITES

INDUSTRIAL FINANCING

The Development Authority of Cobb County is comprised of seven members selected from the business community. Established under Georgia law, it has the power to issue tax-exempt industrial revenue bonds for financing economic development projects. Proceeds from the sale of bonds may be used to purchase land, construct plants, and, in some cases, purchase machinery and equipment to the specifications of the new manufacturing or other facility which qualifies. Pollution control projects can also be financed in this manner.

The Development Authority of Cobb County has participated in financing the following projects, over the last two years:

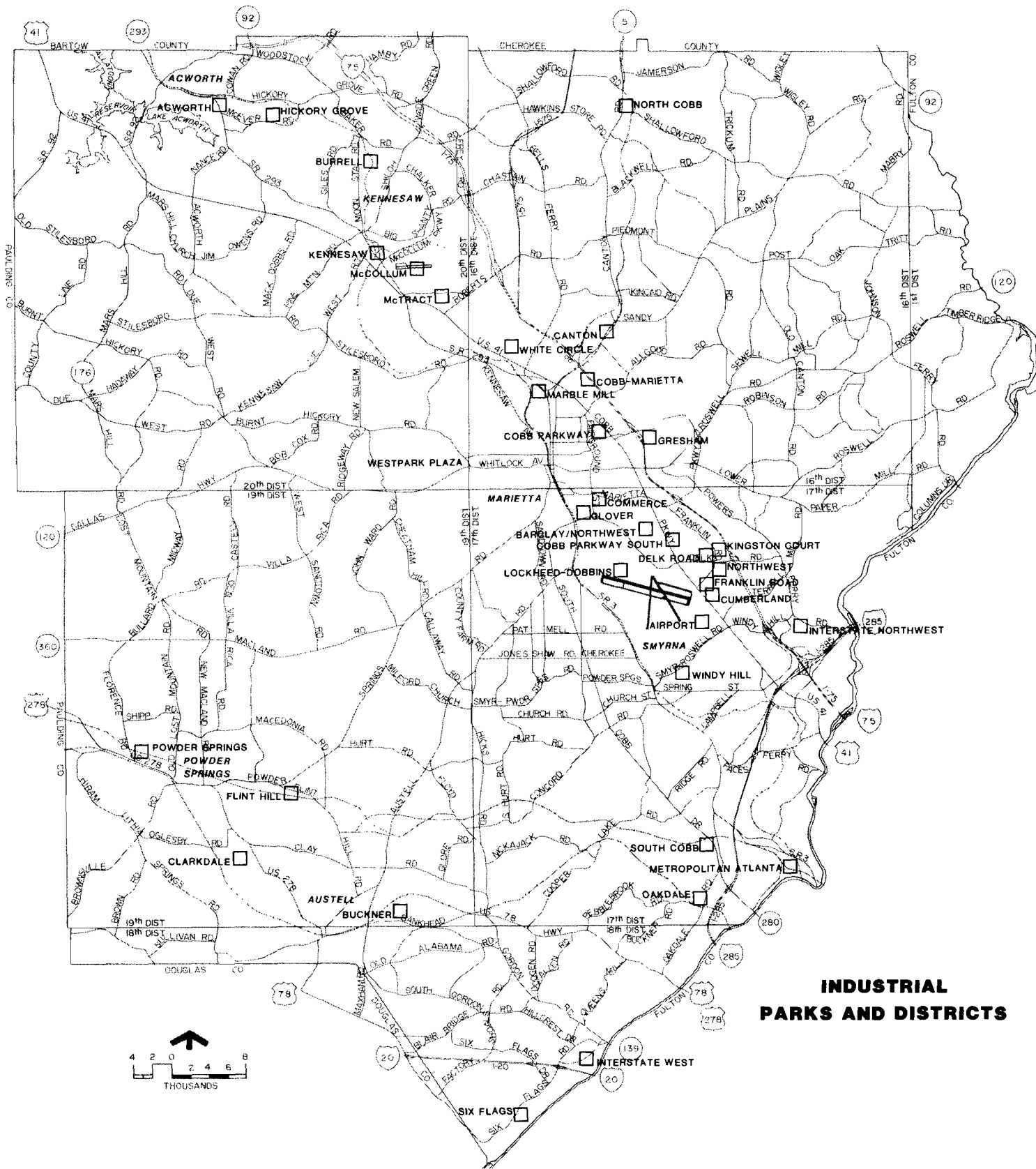
BAHCO Systems, Inc.	\$ 400,000
Russ Berrie & Company	750,000
Butler Shoe Corp.	7,000,000
Dai-Ichi Seiko (Enplas, USA)	1,000,000
Disposable Plastics Systems, Inc.	600,000
Georgia Hospital Association	2,000,000
Georgia Power Company	8,330,000
Graphic Arts Services, Inc.	1,500,000
Hitachi Metals, International, Ltd.	1,000,000
Kemos, Inc.	3,000,000
Ploof Truck Lines	500,000
Sands & Company, Inc.	1,600,000
Sheppard's Draperies, Inc.	325,000
Southern Tea Company	2,000,000
TVW Paper Machines, Inc.	10,000,000

INDUSTRIAL SITES

Cobb County presently has some 39 industrial parks and sites which contain a total of almost 15,000 acres. Of this amount, some 6,800 acres have been developed. Present industrial land use zoning provides about 8,600 acres for heavy industrial use, 2,550 for light industrial, with almost another 2,000 designated for future industrial use.

Available building space is constantly changing; at the present time an aggregate of 400,000 sq. ft. of warehousing, distribution, and manufacturing space exists in Cobb County in buildings from 20,000 sq. ft. to over 140,000 sq. ft. Some of this space is in free-standing structures, other in multi-tenant facilities.

Specific details on developed industrial sites and on available buildings can be obtained from the Economic Development Department of the Cobb County Chamber of Commerce.



COBB COUNTY PLANNING DEPARTMENT